

What Is Claimed Is:

1. A television reception system, comprising:
a channel selection apparatus for receiving broadcasting signals, selecting a broadcasting program from within the broadcasting signals in accordance with an instruction of a user and transmitting a signal of the selected broadcasting program by radio, said channel selection apparatus being connected to a communication circuit; and

a display apparatus for receiving the radio signal from said channel selection apparatus and displaying an image based on an image signal of the received signal on a display element thereof.

2. A television reception system according to claim 1, wherein said channel selection apparatus includes reception means for receiving a signal transmitted thereto through the communication circuit, and means for transmitting the signal received by said reception means by radio, and said display apparatus receives the radio signal from said channel selection apparatus, forms a displaying signal from the received signal and displays an image based on the displaying signal on said display element.

3. A television reception system according to

claim 1, wherein said channel selection apparatus transmits a signal of compressed data by radio, and said display apparatus includes decompression means for decompressing the data of the received signal from said channel selection apparatus.

4. A television reception system according to claim 1, wherein said display apparatus includes instruction input acceptance means for accepting an operation instruction input of the user, and instruction information transmission means for transmitting by radio at least instruction information to be transmitted to said channel selection apparatus from within instruction information of the operation instruction input accepted by said instruction input acceptance means, and said channel selection apparatus includes control means for receiving the instruction information transmitted by radio from said display apparatus and controlling, when the received instruction information is for said channel selection apparatus itself, so as to perform processing based on the instruction information.

5. A television reception system according to claim 1, wherein said display apparatus includes transmission instruction input acceptance means for accepting a transmission instruction input from the user,

and transmission information transmitting means for transmitting information corresponding to information indicated by the transmission instruction input accepted by said transmission instruction input acceptance means as transmission information by radio, and said channel selection apparatus includes transmission information reception means for receiving the transmission information transmitted thereto by radio from said display apparatus, and transmission information signaling means for signaling the transmission information received by said transmission information reception means through the communication circuit.

6. A television reception system according to claim 1, wherein said channel selection apparatus can select a plurality of broadcasting signals simultaneously and transmit signals of a plurality of broadcasting programs selected by a user in a separable state from each other by radio, and said display apparatus receives the signals transmitted by radio from said channel selection apparatus and displays an image based on an image signal of one of the signals on said display element.

7. A channel selection apparatus for receiving broadcasting signals, selecting a broadcasting program

from within the broadcasting signals in accordance with an instruction of a user and transmitting a signal of the selected broadcasting program by radio; said channel selection apparatus being connected to a communication circuit.

8. A channel selection apparatus according to claim 7, comprising:

reception means for receiving a signal transmitted thereto through the communication circuit; and

means for transmitting the signal received by said reception means by radio.

9. A channel selection apparatus according to claim 7, wherein the signal to be transmitted by radio is in the form of compressed data.

10. A channel selection apparatus according to claim 7, further comprising control means for receiving instruction information transmitted by radio from a display apparatus and controlling, when the received instruction information is for said channel selection apparatus, so as to perform processing based on the instruction information.

11. A channel selection apparatus according to claim 7, further comprising transmission information reception means for receiving transmission information

transmitted thereto by radio from a display apparatus,
and signaling means for signaling the transmission
information received by said transmission information
reception means through the communication circuit.

12. A channel selection apparatus according to
claim 7, wherein said channel selection apparatus can
select a plurality of broadcasting signals simultaneously
and transmit signals of a plurality of broadcasting
programs selected by a user in a separable state from
each other by radio.

13. A display apparatus for receiving a radio
signal from a channel selection apparatus connected to a
communication circuit and displaying an image based on an
image signal of the received signal on a display element.

14. A display apparatus according to claim 13,
wherein said display apparatus receives the radio signal
from said channel selection apparatus obtained through
the communication circuit, forms a displaying signal from
the received signal and displays an image based on the
displaying signal on said display element.

15. A display apparatus according to claim 13,
comprising means for receiving a signal of compressed
data transmitted by radio from said channel selection
apparatus and decompressing the received signal.

16. A display apparatus according to claim 13,
further comprising:

instruction input acceptance means for accepting an
operation instruction input of the user; and

instruction information transmission means for
transmitting by radio at least instruction information to
be transmitted to said channel selection apparatus from
within instruction information of the operation
instruction input accepted by said instruction input
acceptance means.

17. A display apparatus according to claim 13,
further comprising:

transmission instruction input acceptance means for
accepting a transmission instruction input from the user;
and

transmission information transmitting means for
transmitting information corresponding to information
indicated by the transmission instruction input accepted
by said transmission instruction input acceptance means
as transmission information by radio.

18. A display apparatus according to claim 13,
wherein said display apparatus receives a plurality of
signals transmitted by radio from said channel selection
apparatus and displays an image based on an image signal

